PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference		of Transmittal of International Search Report			
2002M179	ACTION (Form PCT/ISA/220) as well as, where applicable, item 5 below.				
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)			
PCT/EP 03/12881	18/11/2003	20/11/2002			
Applicant					
EXXONMOBIL CHEMICAL PATENT	rs inc.				
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searching Aut ansmitted to the International Bureau.	hority and is transmitted to the applicant			
This International Search Report consists It is also accompanied by	of a total of sheets. a copy of each prior art document cited in this	s report.			
Basis of the report					
a. With regard to the language, the	international search was carried out on the ba ess otherwise indicated under this item.	sis of the international application in the			
the international search w Authority (Rule 23.1(b)).	ras carried out on the basis of a translation of	the international application furnished to this			
b. With regard to any nucleotide an was carried out on the basis of the		nternational application, the international search			
1	onal application in written form.	·			
filed together with the inte	mational application in computer readable for	m.			
furnished subsequently to	this Authority in written form.				
furnished subsequently to	this Authority in computer readble form.				
the statement that the sub international application a	osequently furnished written sequence listing on stiled has been furnished.	does not go beyond the disclosure in the			
the statement that the info furnished	ormation recorded in computer readable form	is identical to the written sequence listing has been			
2. Certain claims were fou	nd unsearchable (See Box I).				
3. Unity of invention is lac	king (see Box II).				
4. With regard to the title ,					
X the text is approved as su	bmitted by the applicant.	•			
the text has been establis	hed by this Authority to read as follows:				
5. With regard to the abstract,					
X the text is approved as su	, ,				
the text has been establis within one month from the	shed, according to Rule 38.2(b), by this Author e date of mailing of this international search re	rity as it appears in Box III. The applicant may, port, submit comments to this Authority.			
6. The figure of the drawings to be public	ished with the abstract is Figure No.				
as suggested by the appli	cant.	None of the figures.			
because the applicant fail	ed to suggest a figure.				
because this figure better	characterizes the invention.				

INTERNATIONAL SEARCH REPORT

International Application No PCT/EP 03/12881

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07C51/36 C07C67/303
C07C61/22 C07C69/75

C07C61/09

C07C61/08

C07C61/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
x	US 5 286 898 A (GUSTAFSON BRUCE L ET AL) 15 February 1994 (1994-02-15)	1,12-16, 18, 31-33, 36,37, 46-52
	abstract	
	column 2, line 60 -column 5, line 6 examples 1-18 claims 1-8	
X	US 6 284 917 B1 (BREITSCHEIDEL BORIS ET AL) 4 September 2001 (2001-09-04) cited in the application	1-6, 12-14, 19-24, 31-52
	the whole document	31 32
	-/	

χ Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 	 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. '&' document member of the same patent family
Date of the actual completion of the international search 27 April 2004 Name and mailing address of the ISA	Date of mailing of the international search report 06/05/2004 Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Delanghe, P

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/12881

Category Citation of document, with indication, where appropriate, of the relevant passages Retevant to claim No.		ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
the whole document	Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
AL) 19 June 2001 (2001-06-19) the whole document	E	;MASCHMEYER DIETRICH (DE); OXENO OLEFINCHEMI) 18 December 2003 (2003-12-18)	1-5, 12-16, 31-52
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